

AMENDMENTS TO THE CLAIMS:

1. (Presently Amended) A high temperature gas seal, wherein the seal is unsintered and has a porosity less ~~then~~ than 50% and which is substantially free of binder; said seal formed from firing an unfired state comprising ceramic fibres, ceramic powder and a binder and having a porosity which increases upon firing.
 2. (Original) The seal of claim 1 for use in a high temperature fuel cell.
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3. (Original) The seal of claim 2 wherein the ceramic fibres and ceramic powder may be the same material or different and may comprise alumina or zirconia.
 4. (Original) The seal of claim 3 wherein the seal has a pre-fitted porosity of less than about 45%
 5. (Original) The seal of claim 4 wherein the seal has a pre-fitted porosity of less than about 40%.
 6. (Original) The seal of claim 5 wherein the seal has a pre-fitted porosity of less than about 35%.
 7. (Original) The seal of claim 1 to 6, which is formed by a tape casting process.
 8. (Original) The seal of claim 7 which has a fired porosity of less than about 50%.
 9. (Original) The seal of claim 8 which has a fired porosity of less than about 45%.
 10. (Original) The seal of claim 9 which has a fired porosity of less than about 40%.